

Ian Mondelaers

Software Engineer

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Profile

Software engineer with experience across full-stack development, data integration, testing and deployment automation. I work through problems across application code, APIs and databases, with an eye for how the whole system behaves. I'm completing a Bachelor's in Applied Computer Science and am interested in software architecture, reliable systems, robotics and AI orchestration.

Professional experience

Full-Stack Software Engineer Intern | HolonCom

January–June 2025 · Antwerp, on-site

- Refactored C#/.NET applications and shared NuGet libraries across a large codebase, improving dependency management and reusable project configuration.
- Built and improved continuous integration and delivery (CI/CD) workflows for package building, versioning and deployment with Gitea/GitHub Actions and reusable PowerShell tooling.
- Traced frontend and backend data-flow issues across Vue.js, APIs and legacy code, using unit tests and structured logging to investigate application behaviour.
- Containerized Blazor applications, APIs and supporting services with Docker and Docker Compose, including service health checks.
- Extended a VS Code knowledge-graph extension, improving separation of concerns and compatibility with Cursor. Documented changes and participated in code reviews.

Data Analyst Intern | IntoData

October 2022–February 2023 · Kontich, hybrid

- Built and maintained Talend workflows to integrate, clean and enrich client data. Used SQL and PostgreSQL to inspect and validate data throughout the process.
- Developed a database setup and deployment prototype for PostgreSQL and Oracle, using configurable Talend jobs and launch scripts for Windows and Unix-based systems.
- Documented configurable connection, schema and DDL settings for repeatable setup across environments. Collaborated with the delivery team through Git and regular progress meetings.

Education

Bachelor's in Applied Computer Science - Minor in Robotics

AP Hogeschool Antwerpen · 2025–present · Expected June 2027

Associate Degree in Computer Programming · Honours: *Summa Cum Laude*

AP Hogeschool Antwerpen · 2023–2025

Full Stack Web Development · Honours: *Magna Cum Laude*

BeCode · 2021–2023

Physics studies

University of Antwerp · 2019–2021

Technical skills

Programming: C#, TypeScript, JavaScript, Python, Java, SQL

Web and backend: .NET, ASP.NET Core, Blazor, Vue.js, React, Next.js, Angular, Node.js, NestJS, Spring, REST APIs

Data: PostgreSQL, Oracle, MongoDB, Talend, data integration and database automation

Delivery and systems: Git, GitHub/Gitea Actions, Docker, Docker Compose, PowerShell, Linux, Webots

Engineering practice: Unit testing, debugging, refactoring, dependency management, code review and technical documentation

Additional information

Languages: Dutch (native) · English (excellent) · French (intermediate) · Portuguese (beginner)

Driving licence: Category B